

Answers

1. $45 \times 22 = 990$
2. $76 \times 39 = 2964$
3. $108 \times 64 = 6912$
4. $61 \times 1.3 = 79.3$
5. $7.2 \times 2.8 = 20.16$

6. Award **TWO** marks for both digits correct, as shown:

$$\begin{array}{r} \quad \quad \quad 4 \boxed{1} \\ \times \quad \quad \boxed{2} \boxed{6} \\ \hline \quad 246 \\ \quad 820 \\ \hline 1066 \end{array}$$

If the answer is incorrect, award **ONE** mark for one digit correct.

Up to 2

[2]

7.

Award **TWO** marks for the correct answer of 1800

If the answer is incorrect, award **ONE** mark for evidence of appropriate complete method with no more than one arithmetic error, e.g.

- $40 \times 15 = 500$ (*error*)
 $500 \times 3 = 1500$

*Do not accept sight of a correct multiplication, e.g. $40 \times 15 \times 3$, for **ONE** mark unless part of the calculation is evaluated correctly.*

*Misreads are **not** allowed.*

If no answer is given, the first part of the calculation must be evaluated correctly for the award of **ONE** mark, e.g.

- $15 \times 3 = 45$
 $45 \times 40 =$

OR

- $40 \times 15 = 600$
 $600 \times 3 =$

OR

- $40 \times 3 = 120$
 $120 \times 15 =$

Up to 2m

[2]

8. Award **TWO** marks for the correct answer of 30

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $17.5 \times 12 = 210$
 $15 \times 12 = 180$
 $210 - 180 =$

OR

- $2.5 \times 12 =$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

9. Award **TWO** marks for the correct answer of 2,970.

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method with no more than one arithmetic error, e.g.

- $11 \times 6 = 66$
 66×45

***Do not** accept sight of a correct multiplication only, e.g. $11 \times 6 \times 45$, for **ONE** mark.*

*Misreads are **not** allowed.*

Up to 2m

[2]

10. Award **THREE** marks for the correct answer of 14

If the answer is incorrect, award **TWO** marks for:

- sight of 414 as evidence of 23×18 completed correctly

OR

- evidence of an appropriate method with no more than one arithmetic error, e.g.

$$20 \times 20 = 400$$

$$\begin{array}{r} 23 \\ \times 18 \\ \hline 230 \\ 184 \\ \hline 314 \text{ (error)} \end{array}$$

$$400 - 314 = 86$$

Award **ONE** mark for evidence of an appropriate method.

*Answer need not be obtained for the award of **ONE** mark.*

A misread of a number may affect the award of marks. No marks are awarded if there is more than one misread or if the mathematics is simplified.

***TWO** marks will be awarded for an appropriate method using the misread number followed through correctly to a final answer.*

***ONE** mark will be awarded for evidence of an appropriate method using the misread number followed through correctly with no more than one arithmetic error.*

Up to 3m

[3]